

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 10/1/2015</b>	Man Days: 1
<b>Inspection Unit: Danville</b>	
<b>Location of Audit: Danville</b>	
<b>Exit Meeting Contact: Kevin Glaspy</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Donald Hankins</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Robert Roth	Superintendent of Quality Assurance	
Kevin Glaspy	Quality Assurance	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
<p><b><u>General Comment:</u></b></p> <p><i>Meters that were inspected are listed below.</i></p> <p><i>City building had an AL 1400 American Meter.</i></p> <p><i>Georgian Heights Apartments has an American 250 meter.</i></p> <p><i>Local 347 has an AL 800 American meter.</i></p> <p><i>M-X-AG has a roots 1500 Meter.</i></p> <p><i>Old Save A Lot has an AL 1400 meter and it is pinned off at the shutoff valve.</i></p> <p><i>New Save A Lot has an AL 2300 meter.</i></p> <p><i>New Life Church has an AL 800 meter.</i></p>		

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[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All meter sets had screens in the regulators.</i>		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Regulators are set where if gas escapes into the atmosphere it is away from building openings.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meter sets are not in a flood area.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meter set piping is installed with no stress upon the piping.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All meters are vented to the outside atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meter pressures are within the allowable limits of the meter casings.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All meter sets have a shutoff valve ahead of the regulator.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Service lines are not located in curb boxes or standpipes.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The service line at the Old Save A Lot was pinned off at the shutoff on the meter set.</i>		

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CATHODIC PROTECTION		Status
<b><u>Category Comment:</u></b> <i>Cathodic protection readings were not taken during this audit.</i>		
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Not Checked</b>
[192.465(a)]	Were pipe to soil readings taken?	<b>Not Checked</b>
[192.465(b)]	Were rectifier installations inspected?	<b>Not Checked</b>
[192.465(a)]	Were isolated mains/services tested?	<b>Not Checked</b>
[192.465(c)]	Were critical/non critical bonds tested?	<b>Not Checked</b>
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Not Checked</b>
[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Not Checked</b>
[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Not Checked</b>
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect Julie locates during this audit.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect marking for damage protection during this audit.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not inspect marking for damage protection during this audit.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Line markers were inspected at each regulator station.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried	<b>Satisfactory</b>

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	main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	
<b><u>General Comment:</u></b> <i>Line markers were inspected at each regulator station, with the address being listed below.</i>  <i>Voorhees &amp; Griffin Street.</i> <i>West Side of North Bowman Avenue.</i> <i>Holiday Drive at Bowman Avenue.</i> <i>1155 East Voorhees Street</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Line markers were placed over the gas mains at the locations listed above.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Line markers had the proper wording placed on the sign post.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The line markers had the emergency phone number placed on them, with the number being 1-800-755-5000.</i>		
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The stations listed below were inspected during this audit.</i>  <i>Station ID 34-56</i> <i>Station ID 34-94</i> <i>Station ID 34-57</i> <i>Station ID 34-60</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>Stations listed above were protected by distance or fenced in.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Charts and gauges were inspected during this audit for abnormal indications</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Overpressure protection was not checked during this audit.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>All supports were made out of noncombustible material.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>All discharge stacks had covers over them.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Valves were locked in the open position.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Valves were inspected at each regulator station and are listed below.</i>		
<i>E - 738545</i> <i>F - 741228</i> <i>F - 10385947</i> <i>F - 742330</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		

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<i>Odorization reading were not checked during this audit.</i>		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Transmission valves were not inspected during this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Not Checked</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Checked</b>
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	<b>Not Checked</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Material markings were not inspected during this audit.</i>		
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Not Checked</b>
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Form 15 Operator Qualification Field Inspection Protocol Form was not completed during this audit.</i>		
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>

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